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(30)Priority

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(54) SOLUTION COMPRISING VITAMIN B1S COMPOUNDED THEREIN

(57)Abstract:

PROBLEM TO BE SOLVED: To prepare the subject solution comprising stabilized vitamin B1s by simultaneously compounding a solution comprising the vitamins B1s compounded therein with a compound capable of providing chloride ions.

SOLUTION: This solution is prepared by compounding (A) vitamin B1 with (B) 1-300mM chloride ions. Furthermore, the concentration of the ingredient B is preferably 1.6-50mM based on 0.001wt./vol.% ingredient A, which is preferably at least one of thiamine and fursultiamine. The ingredient B is preferably any one or more of potassium chloride, calcium chloride, magnesium chloride and carnitine chloride. Any of taurine and further citric acid, malic acid, tartaric acid, etc., are preferably compounded therewith to regulate the pH within the range of 2.0-6.0.

LEGAL STATUS

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9/08			9/08	E
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(33) 優先権主張国	日本 (J P)	(74) 代理人	弁理士 北川 富造
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(54) 【発明の名称】 ビタミンB1類を配合した液剤

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A 100x100 grid of dots. The dots are arranged in a regular pattern. The numbers 10, 20, 30, 40, and 50 are placed at regular intervals along the horizontal axis, specifically at the 10th, 20th, 30th, 40th, and 50th columns from the left. The numbers are placed in the middle row of the grid.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes the need for transparency and accountability in financial reporting.

2. The second part of the document outlines the various methods and techniques used to collect and analyze data. It includes a detailed description of the experimental setup and the procedures followed during the study.

3. The third part of the document presents the results of the study, showing the data collected and the analysis performed. It includes tables and graphs to illustrate the findings.

4. The fourth part of the document discusses the implications of the study and the conclusions drawn from the results. It highlights the significance of the findings and their potential applications in the field.

5. The fifth part of the document provides a summary of the key points discussed throughout the document. It reiterates the main findings and the conclusions drawn from the study.

6. The sixth part of the document includes a list of references to the sources used in the study. It provides a comprehensive overview of the literature related to the topic.

7. The seventh part of the document contains a list of appendices, which provide additional information and data related to the study. These appendices are included to support the main text and provide a more complete picture of the research.

8. The eighth part of the document includes a list of figures and tables, which are used to present the data and results of the study. These visual aids help to clarify the findings and make them easier to understand.

9. The ninth part of the document includes a list of abbreviations and acronyms, which are used throughout the document to simplify the text and avoid repetition.

10. The tenth part of the document includes a list of symbols and units, which are used to represent measurements and quantities in the study.

11. The eleventh part of the document includes a list of footnotes, which provide additional information and references related to the study.

12. The twelfth part of the document includes a list of acknowledgments, which thank the individuals and organizations that provided support and assistance during the study.

13. The thirteenth part of the document includes a list of references, which provide a comprehensive overview of the literature related to the topic.

14. The fourteenth part of the document includes a list of appendices, which provide additional information and data related to the study.

15. The fifteenth part of the document includes a list of figures and tables, which are used to present the data and results of the study.

16. The sixteenth part of the document includes a list of abbreviations and acronyms, which are used throughout the document to simplify the text and avoid repetition.

17. The seventeenth part of the document includes a list of symbols and units, which are used to represent measurements and quantities in the study.

18. The eighteenth part of the document includes a list of footnotes, which provide additional information and references related to the study.

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20. The twentieth part of the document includes a list of references, which provide a comprehensive overview of the literature related to the topic.

	調製時	14日	42日
実施例1	100	75.4	44.3
実施例2	100	75.4	45.1
実施例3	100	78.9	50.0
比較例1	100	74.4	40.8

	調製時	7日	14日
実施例4	100	89.6	82.5
実施例5	100	86.9	77.3
実施例6	100	88.3	79.5
実施例7	100	87.9	80.4
比較例1	100	85.6	74.4

	調製時	1ヶ月	3ヶ月
実施例4	100	96.5	92.1
比較例1	100	92.7	87.0

	調製時	1ヶ月	3ヶ月
実施例8	100	95.5	91.2
比較例2	100	93.1	87.3

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	調製時	1ヶ月	3ヶ月
実施例9	100	95.2	90.9
比較例3	100	94.7	88.2

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	調製時	42日
実施例13	100	24.8
実施例14	100	27.0
比較例5	100	18.2

	調製時	14日	42日
実施例10	100	87.2	65.9
実施例11	100	88.6	73.1
実施例12	100	90.0	76.3
比較例4	100	84.1	59.3

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